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Patent
Case No.: 56762US003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: ANDERSON, MARK T.

Application No.: 09/934361

Group Art Unit: Unknown

Filed: August 21, 2001

Examiner: Unknown

Title: METHOD OF MANUFACTURE OF AN OPTICAL WAVEGUIDE
ARTICLE INCLUDING A FLUORINE-CONTAINING ZONE

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

CERTIFICATE OF MAILING
I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on:

Date _____

Tom Sanders
Signed by: Tom Sanders

Dear Sir:

Please amend the claims as follows. Enclosed with this letter is a marked-up copy of the amended claims.

In the claims:

- A¹
26. The method of claim 25, wherein the step of diffusing the fluorine comprises achieving a desired fluorine concentration profile by heating the reservoir.
- A²
29. The method of claim 25, further comprising the step of collapsing the substrate tube into a preform and drawing an optical fiber from the preform, wherein the step of diffusing comprises drawing the fiber.
32. The method of claim 25, further comprising the step of forming a diffusion barrier layer between the cladding and the fluorine reservoir.
- A³
33. An optical fiber manufactured in accordance with the method of claim 25.
34. An optical preform manufactured in accordance with the method of claim 25.

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